

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 18 line 13, with the following new paragraph.

Joggle surfaces 124,125,126 and 127 are formed by upstream ends of blades 128,129,130 and 131. Slots 132,133,134 and 135 are formed between these blades in the downstream chamber. They extend to a cove surface 136. As can be seen, a portion of the flow through the slots can be straight-through, but part of it encounter the joggles. These joggles direct a portion of the stream into the direct stream through the direct path between the slots creating still another mixing of the liquid and the bubbles.

Please replace the paragraph beginning at page 20 line 7, with the following new paragraph.

An optimum gas separator is shown in Fig. 14. It requires no separate power supply, and operates solely on system pressure. It is a centrifugal separator of the type shown in United States patent No. 5,622,545 issued to Angelo L. Mazzei and Steven D. Ford. This patent is incorporated herein in its entirety by reference for its showing. Full details of construction, theory and operation of such a separator can be obtained from a reading of this patent.